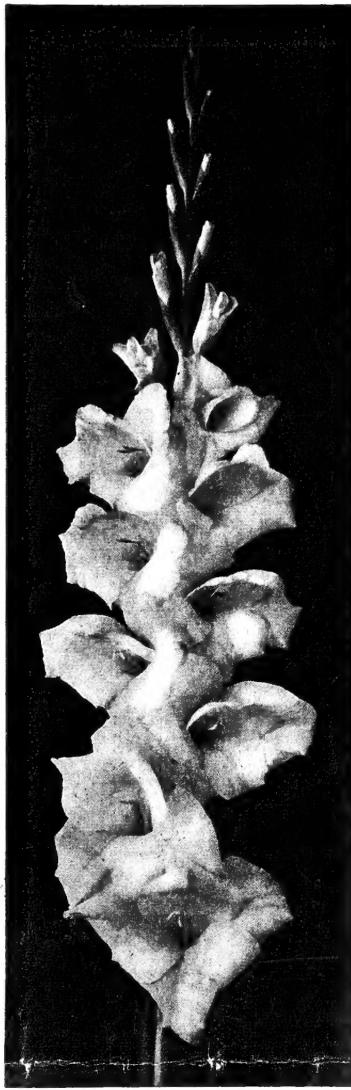


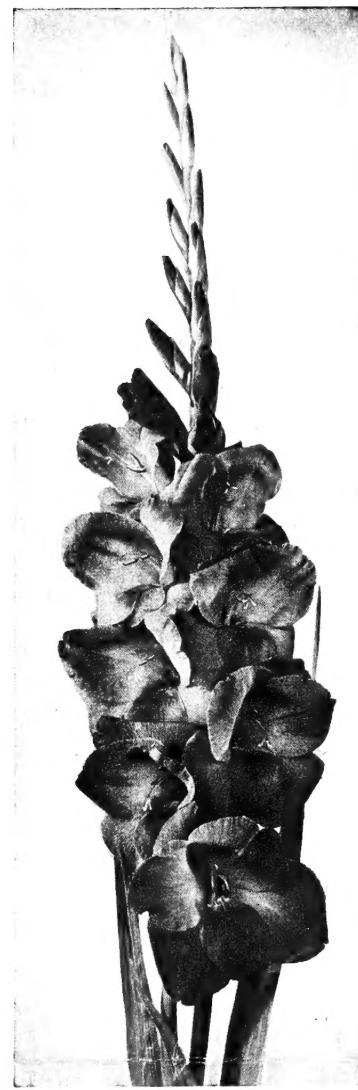
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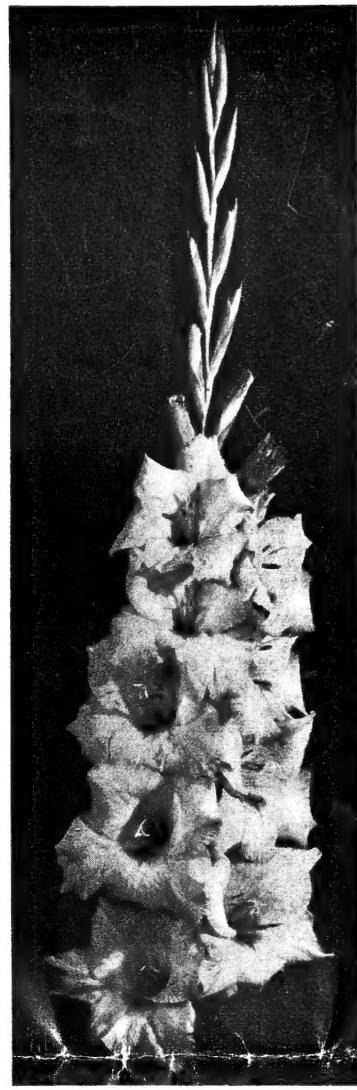
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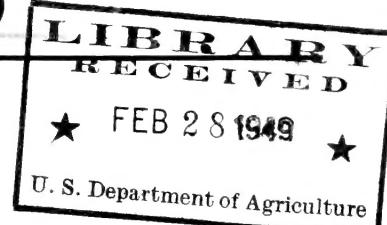
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BERNARD SHAW

Gladiolus - - - Spring 1949

Introductory Message



A GAIN, as many times in the past, we stop to reflect what has happened during the past year. Some problems have been large and some small but progress has been made in one way or another. When we think about progress, we stop to analyze who has been responsible, and we can't help but include all the many purchasers of Croix Farms products. Everyone has been responsible to a great degree, for the success we have had in 1948. We thank you for it.

What will 1949 bring? One thing of which we are sure is that a lot of new varieties of gladiolus will be introduced, some of which will be good, some only fair and a few no doubt will be outstanding. It is our aim to catalogue and offer for sale only such varieties as appear to have superior qualities after having tested them here at Croix Farms. We have added 25 to 30 to our list this season and we feel sure that our choice will please you.

You're probably developing plans right now to make your 1949 glad garden the best ever. This is to wish you luck and may you find happiness in your accomplishments.

I extend my sincere good wishes.

Louis R. Fischer

Hastings

CROIX FARMS

Minnesota



LEADING LADY



GLEAM



ELIZABETH THE QUEEN



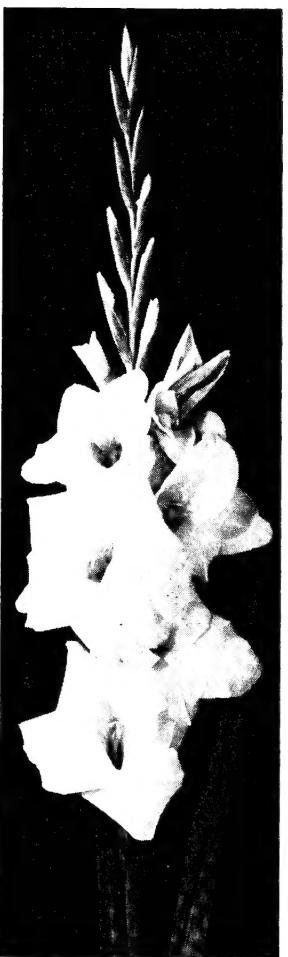
PETER PFITZER



ROSE O'DAY



SPOTLIGHT



ORIENTAL PEARL

New Gladiolus of Merit

How To Order

DISCOUNTS

Please note that the discounts apply only when cash is remitted with the order. No discounts are allowed on Collections, on varieties marked "Net," or on wholesale orders.

Cash Discounts

10% on orders from \$ 3.00 to \$ 8.00
15% on orders from 8.00 to 25.00
20% on orders from 25.00 and up

TERMS

Send remittance in full or 25% deposit; balance before shipment. Transportation charges prepaid on retail orders of \$2.00 or more. Under \$2.00, add 25c to cover handling costs and transportation charges. Do not send remittance in postage stamps as they cannot be exchanged for cash. As the planting and care of all bulbs sold by us are beyond our control, we cannot be in any way responsible for the results after planting.

QUALITY STOCK

Cheap prices are only made possible by inferior methods of growing or by careless handling of stock after digging. Such practices will be inevitably reflected in the quality of flowers produced. We have tried to meet fair competition and at the same time offer stock that is of the highest quality obtainable. Our prices, we believe, are as low as those of any other reputable grower and our discounts even greater.

MISCELLANEOUS INFORMATION

Large bulbs are $1\frac{1}{4}$ inches or more in diameter but in most cases will be $1\frac{1}{2}$ to 2 inches, medium bulbs $\frac{3}{4}$ to $1\frac{1}{4}$ inches and small bulbs $\frac{1}{2}$ to $\frac{3}{4}$ inch. When there is a figure before the price such as 2-15 it means 2 bulbs for 15c. Five bulbs sold at the 10 rate.

CULTURAL DIRECTIONS will be included with each order when requested.

Extra Bulbs

We have always been very generous in giving extra bulbs and over-count which are included with each order. No change in this policy is contemplated this season. So just give us a trial and we will endeavor to more than please you.

Tips from One to Another

LEGUMES HARMFUL TO GLADS

Extensive research the past few years by plant pathologists have proved that virus diseases of gladiolus are transmitted from various legumes, chiefly beans, peas and certain sweet clovers. Aphids or plant lice feeding on the legumes and then feeding on the glads will infect these plants.

Virus can also be conveyed from one glad to another. For that reason destroy all plants that show mottled foliage or discoloration of blooms. Disease symptoms will show up the same season that infection is spread. Include along with your thrip sprays, a contact insecticide for killing the aphids, such as Black Leaf "40" or similar product.

QUALITY PAYS

The quality of Croix Farms bulbs has been carefully and surely built. But careful buyers are skeptical buyers. They need proof. They are not always willing to take the word of a grower himself. We will say this, however, that the demand for our bulbs is increasing year by year, and with more practical and efficient growing methods we can offer these high quality bulbs at well below what is being asked for comparable quality.

SOIL

Any good garden soil will grow glads—not too light or too heavy and slightly acid is best. Your State Agricultural Department can test it for you, telling you the degree of acidity and if lacking in certain fertilizer elements. Don't plow or spade your soil in the spring if it is too wet. Wait until it crumbles under pressure in your hand. Thorough working the soil so that it is pliable is necessary.

PLANTING

Large bulbs should be set 5 inches deep, medium bulbs 4 inches, small bulbs 3 inches and bulblets 2 inches. In extremely sandy soil plant a little deeper. For exhibition plant 6 inches apart—for home or commercial use, plant large bulbs 4 to the foot and closer for smaller bulbs. For best results plant in rows like vegetables and in a sunny location that is free of tree and shrub roots. They can also be grown in flower borders if not crowded too close among other plants.

Gladiolus Bulb Dips

NEW IMPROVED CERESAN

1-oz. new Improved Ceresan; 3 teaspoons of a spreader sticker; 3 gallons of water. Mix the Ceresan and spreader together, then add a small amount of water, stirring until a smooth paste is secured, after which add the remainder of water. Use a wooden paddle for stirring and don't get the concentrated mixture on the hands, as it can cause serious burns. Bulbs treated in the weakened solution can be handled without harm. Soak bulbs for 15 minutes, bulbets for 30 minutes and plant immediately.

LYSOL

4-tablespoons Lysol to 3 gallons of water or 1 pint Lysol to 25 gallons of water. Soak bulbs 3 to 6 hours and bulbets 12 to 14 hours. Plant same day, while wet if possible.

CALOGREEN

The use of Calogreen as a dip for the control of neckrot and scab on Gladiolus bulbs has been found very successful. It takes 1 lb. of Calogreen to 10 qts. of water or approximately $1\frac{1}{3}$ oz. to 1 qt. of water. Stir vigorously to wet the particles so that they will better stay in suspension. Place the bulbs in a screen container and submerge them into the solution. Soak them for about 5 minutes, then remove and drain for a short time before planting. Plant wet. If large quantities of bulbs are to be treated the solution will have to be strengthened by the addition of Calogreen from time to time. Stir the solution after each dipping. After treatment the remaining Calogreen will settle to the bottom and this can be recovered for future use by filtering or drying. This is a very easy dip to use.

Summer Thrip Spray

D.D.T.

A light dusting of 5% D.D.T. on the bulbs in storage is most effective. About $\frac{1}{4}$ oz. to 1 peck of bulbs is sufficient.

Winter Control of Thrip

1 to 2 oz. Naphthalene flakes to each 100 bulbs, applied as soon as they are dry in the fall is a good control for thrip in storage. Cover the containers to confine the fumes and leave in a warm room for 3 or 4 weeks. $\frac{1}{2}$ oz. D.D.T. dust applied to 1 peck of bulbs and left on in storage, is also very effective.

THRIP

No trouble with these little creatures any more if D.D.T. recommendations are followed.

FERTILIZER

Scientific experiments have proved that indiscriminate use of commercial fertilizers actually can be harmful to the plant and makes them more susceptible to disease. It also causes a delay in blooming. The best method is to prepare your soil the year previous to planting, using animal manure, compost or green crops turned under, together with super phosphate. Most soils are not deficient in potash. If you have done this or used some other method to get your soil in good shape, it will not be necessary to use any form of fertilizer at planting time. One or two light side dressings of nitrogen applied during the summer will give you larger blooms. Another good practice is to fertilize at time of blooming or shortly after. The plant will take up this food and store it in the new bulb. Such bulbs will have the vitality to get off to a vigorous start the next season. A final precaution—it is better not to use any fertilizer than to use too much.

WATER

It is the water content in the soil that makes the nutrient available to the plant. For that reason it is important that your glad beds never dry out. If you want show blooms, use plenty of water. Frequent light applications is not good—one inch of water applied with overhead sprinklers is best.

All bulbs grown by Croix Farms are protected from damage due to drought by overhead irrigation. The right amount of moisture applied at the correct time definitely makes plumper bulbs that will produce finer blooms.

PRICES

In conclusion we want to state that you can't expect top grade gladiolus bulbs at dime store prices. Best success is obtained by planting the right kind of bulbs—that is young high crowned bulbs that are packed full of vitality, having received the proper culture the year previous. We give our bulbs that care.

Special Collections

In past years our gladiolus collections have been very popular. For that reason we are continuing these offers for those that like to order gladiolus in groups rather than select them from the regular price list. All are "top-notch" varieties. These collections are priced at considerably less money than you would have to pay for the same varieties if purchased individually. Because of these low prices no further discounts are allowed. All varieties in the following collections will be correctly labeled.

Out-of-the-Ordinary

ALGONQUIN	JEANIE
BLACK OPAL	KING LEAR
BURMA	LADY JANE
CAMROSE	MARGARET BEATON
ELIZABETH THE QUEEN	ROSA VAN LIMA
ETHEL CAVE COLE	SNOW PRINCESS
JASMINE	STOPLIGHT

56 bulbs (1 to 1½ inch), 4 each of above 14 varieties for \$2.40
56 bulbs (¾ to 1 inch), 4 each of above 14 varieties for \$1.90

Connoisseur's Collection

LADY BOO, 1 small or 5 bulblets.
ORIENTAL PEARL, 4 small or 16 bulblets.
TIVOLI, 1 small or 4 bulblets.
BURMA, 2 large or 4 medium.
SPOTLIGHT, 3 small or 25 bulblets.
JOHAN VAN KONYNENBURG, 1 large or 3 small.
PRES. TRUMAN, 1 small or 4 bulblets.
SILVER WINGS, 8 small or 20 bulblets.
RAVEL, 1 small or 6 bulblets.
DIEPPE, 2 small.
PURPLE SUPREME, 10 small.
GEN. EISENHOWER, 1 small or 5 bulblets.
FAIRY BUTTERFLY, 2 large or 3 medium.

Above collection (value \$5.00) for \$3.50.

Take your choice of the bulbs or bulblets as indicated after each variety.

New Holland Collection

ABU HASSAN	PETER PFITZER
CRETEIL	PFITZER'S CENTURY
GEN. EISENHOWER	PRES. TRUMAN
HOKUS POKUS	SALMAN'S GLORY
HOLLAND'S GLORIE	UHU
LAJLA	YELLOW HERALD

One small bulb of each (value \$3.30) for \$2.50
Two small bulbs of each (value \$6.60) for \$4.60

Thrift Collection

ALGONQUIN	LADY JANE
AMRITA	MAGNOLIA
BARCAROLE	MARGARET BEATON
BEACON	MAYLING
BLACK OPAL	MOHAWK
BURMA	PANDORA
CAMELLIA	PICARDY
CAMROSE	PINK RADIANCE
CRINKLE CREAM	PURITAN
ETHEL CAVE COLE	R. B.
FRANCIS M. IRWIN	REWI FALLU
GARDENIA	ROSA VAN LIMA
GEN. MacARTHUR	SILENTIUM
HARMAU	SNOW PRINCESS
JASMINE	STOPLIGHT
KING LEAR	WINSTON

100 bulbs (small size), 10 each of any 10 varieties for \$2.00
200 bulbs (small size), 10 each of any 20 varieties for 3.75
250 bulbs (small size), 10 each of any 25 varieties for 4.25
320 bulbs (small size), 10 each of all 32 varieties for 5.00

Rare Bulblet Collection

1 PACTOLUS	2 PATRICIAN
1 BLUE BOY	2 SNOWFLAKE
2 SPIC & SPAN	1 BERNARD SHAW
1 BELLE JAUNE	2 PFITZER'S CENTURY
2 ADORATION	2 FLORENCE NIGHTINGALE
2 PHANTOM BEAUTY	2 SUNSPOT

Above bulblet collection (value \$5.80) for \$4.00

1948-49 Holland Collection

PACTOLUS	BENJAMIN BRITTON
HENRI DE GREEVE	BELLE JAUNE
NEW AMSTERDAM	HELEN EAKEN
NOVA ZEMBLA	

One bulblet of each (value \$5.30) for \$4.00
Two bulblets of each (value \$10.60) for \$7.00

Fancier's Collection

2 DIEPPE	3 LEADING LADY
4 BURMA	2 PANDORA
1 ORIENTAL PEARL	5 ELIZABETH THE QUEEN
5 JEANIE	3 PURPLE SUPREME
2 SPOTLIGHT	5 MARGARET BEATON
5 ETHEL CAVE COLE	1 JOHAN VAN KONYNENBURG
2 MAYLING	5 BLACK OPAL

45 bulbs (1 to 1½ inch) of above 14 varieties for \$3.00
45 bulbs (¾ to 1 inch) of above 14 varieties for \$2.50

Beginner's Collection

For those that do not care to have the varieties labeled, we will put up a mixture from our named varieties containing all the various colors. The same varieties if bought under label would cost considerably more. In fact, you could not get a better display of Glads at any price.

40 large bulbs (not labeled) for \$2.00
65 medium bulbs (not labeled) for 2.00
150 small bulbs (not labeled) for 2.00

U-Pick-M Collection

Choose your own collection from the following very finest varieties.

M indicates medium bulbs and S indicates small bulbs.

2M ABU HASSAN	1S LADY BOO
5M ALADDIN	5M LADY JANE
5M ALGONQUIN	3M LEADING LADY
4M BALLAD	5M MAGNOLIA
5M BLACK OPAL	5M MARG. BEATON
5M BURMA	4M MAYLING
5M CAMROSE	4M PURPLE SUPREME
4M CHAMOUNY	4M R. B.
4M CONVOY	5M RED CHARM
5M ELIZ. THE QUEEN	5M ROSA VAN LIMA
5M ETHEL CAVE COLE	5M SNOW PRINCESS
2M FAIRY BUTTERFLY	2M SPOTLIGHT
5M FRANCIS M. IRWIN	5M STOPLIGHT
5M JASMINE	1S TIVOLI
1M J. V. KONYNENBURG	4M WINSTON

Select any 4 items from above for \$1.00
Select any 9 items from above for 2.00
Select any 20 items from above for 4.00
Select all 30 items from above for 5.50

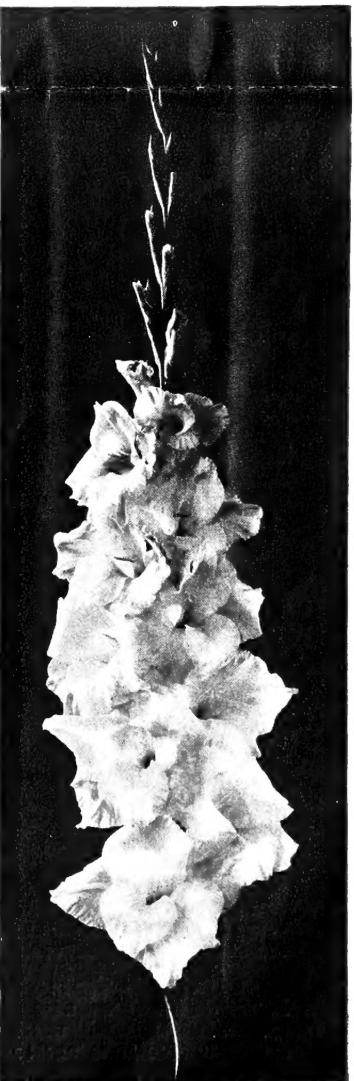
Descriptive Price List

Retail items are all prepaid.
Liberal discounts listed on page 3.

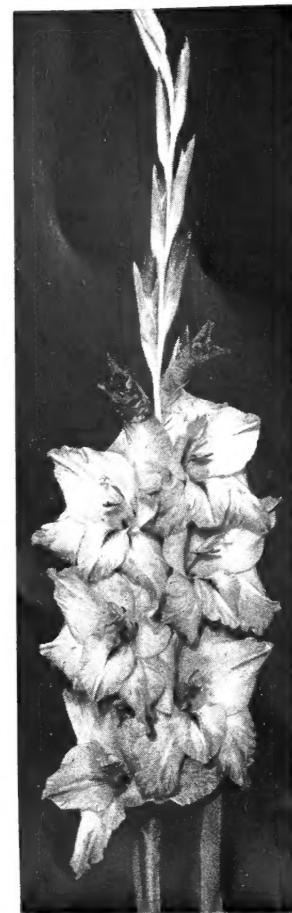
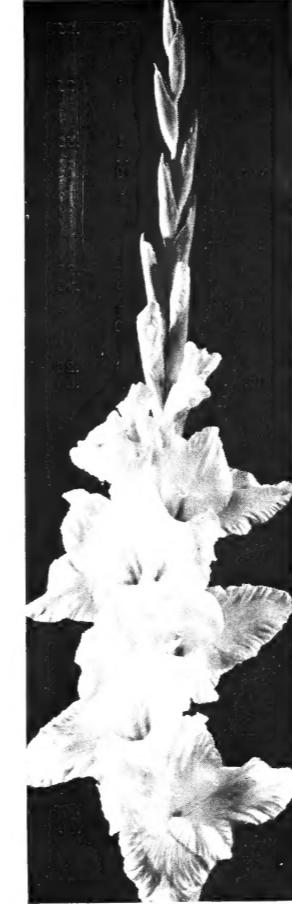
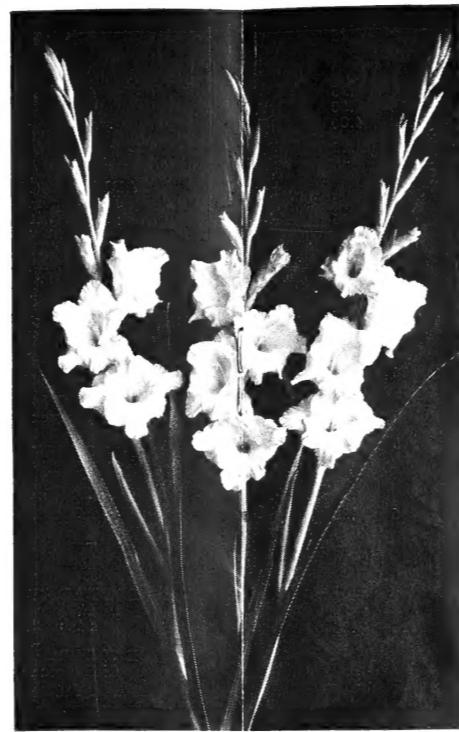
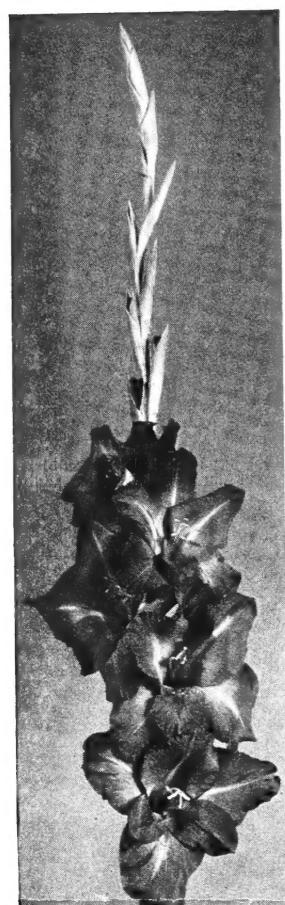
	Per	Large	Med.	Small	Per	Blts.		Per	Large	Med.	Small	Per	Blts.	
ABIGAIL (Myers)	1	1.00	.75		2	.25								
Light lavender similar to Minuet. Good growth with medium size florets.														
ABU HASSAN (K. & M.)	10	.20	2-.25	4-.25	15	.20								
Finest deep rich violet. Tall strong plant that is an improved Pelegrina.														
ADORATION (Klein)														
Creamy pink orchid with cream throat, a perfect blend. Very early bloomer and fine grower. Good propagator. A pastel Glad sure to be popular with florists.														
ALADDIN (Palmer)	3	.25	5-.20	.40	.25	50	.25							
Huge grenadine pink; cream blotch.	10	.70	.40											
ALGONQUIN (Palmer)	3	.25	5-.20	.40	.25	50	.25							
Tall brilliant scarlet. Unusually fine.	10	.70	.40											
AMRITA (Palmer)	3	.25	5-.20	.40	.25	50	.25							
Clear capucine buff. Waved and ruffled.	10	.70	.40											
ARETHUSA (C. Fischer)	4		.20		.25									
Heavily ruffled apricot-tan. Very fine.	10													
BALLAD (Palmer)	2	.25	4-.25	.50	.25	40	.25							
Light rose with light yellow throat. Large ruffled blooms on tall plant.	10	1.00	.50											
BARCAROLE (Palmer)	3	.25	5-.20	.40	.25	50	.25							
Rich grenadine orange. Ruffled. Fine Glad.	10													
BEACON (Palmer)	3	.25	5-.20	.40	.25	50	.25							
Bright rose-scarlet; large cream blotch.	10	.70	.40											
BEAUTY'S BLUSH (Fischer) Net.	1	.50		.25										
Cool, soft blushing pink or pale flesh. Florets open flat and neatly arranged on a tall spike. We like this very much.														
BELLE JAUNE (K & M) Net.	1	4.00		2.00	10	.60								
Solid self-color medium yellow, slightly waved. Tall wiry stem. Very early and excellent cut flower.														
BELTRAMI (Lins)	3		.25	3-.15										
Golden-brown to rose-mulberry. Large ruffled and fluted blooms. Fine smoky.														
BENJAMIN BRITTON (K. & M.)	1	7.00	4.00		10	1.00								
Deep toned lavender approaching light purple. 5½ inch florets with 6 to 8 open. Early flowering, strong grower and good propagator.														
BERNARD SHAW (K & M) Net.	1			2.00	1	.60								
Clear light pink, carmine feathering. Tall spike with six large blooms open. Exceptionally fine light pink.														
BITTERSWEET (Troyer)	1	.40	.30	.15	10	.20								
New exhibition and commercial orange. Large and very outstanding.														
BLACK OPAL (Errey)	3	.25	5-.20	.40	.25	50	.25							
Velvety dark red. Best in this color. Tall.	10	.70	.40											
BLACK PANTHER (Lins)	1	.50	.35	.20	5	.25								
Fine black red. Largest of this color.														
BLUE BOY (Butt) Net.														
A very fine blue violet with darker blotch. Good grower and should become a good commercial.														
BURMA (Palmer)	2	.25	4-.25	.50	.25	20	.20							
Heavily ruffled deep rose. Large; tall.	10	1.00	.50											
CAMELLIA (Palmer)	3	.25	5-.20		.25									
White, tinted pink. Small blotch. A beauty.	10													
CAMROSE (Twomey)	3	.25	5-.20	.40	.25	50	.25							
Soft shell-pink; cream throat. No markings or flecking. Tall spikes. The most beautiful and decorative soft colored Glad.	10													
CASABLANCA (Majeski)	1	.15	2-.20	4-.20	25	.20								
Ruffled white. Tall straight spikes.														
CHAMOUNY (Baerman)	2	.25	4-.25	.50	.25	30	.20							
Light cerise-rose. Distinctly different.	10	1.00	.50											
CINDERELLA (Lins-L. Fischer)	1			.25										
Apple-blossom pink, blending to golden Cream. Wax-like texture. Beautiful, small, decorative.														
CONNIE G (Woods) Net.	1	5.00	5.00											
An outstanding deep cream with soft yellow throat. Could be classed as a light warm yellow. Heavily ruffled 6 inch florets of waxy texture. Tall. A great Glad.														
CONVOY (Palmer)	2	.25	4-.25	.50										
Clear true purple. Lightly waved and recurved petals. A fine vigorous grower.	10													
CRETEIL (K. & M.)	1	.50	.35	.20	6	.25								
Salmon pink with creamy blotch. Opens 8 to 10. Strong healthy grower.														
CRINKLE CREAM (Ellis)	2	.30	.20	4-.25	25	.25								
Large ruffled light yellow. Very good.	10	1.20	.80	.50										



MAGNOLIA



JASMINE



MRS. MARKS MEMORY

WINSTON

TIVOLI

AMRITA

CINDERELLA

ARETHUSA

BARCAROLE

CAMELLIA

LAVENDER PRINCE

Gladiolus Chatterbox Review

THE year 1948 was very successful here at Croix Farms and it was our pleasure to see the various varieties at their best. This gave us the opportunity to judge one against the other and to find out how the latest glad creations stacked up against the good old reliables. Please bear in mind that the following chat is based on our own field tests. Others may have had different results, however, we give this résumé for what it is worth and hope it will assist you in making selections.

WHITE—Good whites continue to appear each year. **Florence Nightingale** was grand and should make a good commercial. Intensely ruffled **White Christmas** has much appeal but not too good a placement the past year. A pleasant surprise was the performance of **Snowflake**. It was really fine. Two other European whites that took our eye were **Nova Zembla** and **Roosevelts Memory**. **Silver Wings** gave its usual fine performance and **Vrede** was better than usual. **Tall Mt. Index**, with its soft yellow throat, is dependable and very early. Other good ones with markings were **Lajla**, which is a larger **Silentium** and the good old faithful **Margaret Beaton**.

CREAM—**Leading Lady** is placed in this class though it is close to white. Of course, it is tops as a commercial. One of the highlights of the season was ruffled **Connie G.** We liked its lustrous texture and soft creamy yellow color. Huge **Oriental Pearl** is admired by those who like the big ones. Early **Helen Eaken** is one of those creams with a greenish sheen. Among the ones with markings we liked **Salman's Glory** and **Lake Placid**, the latter considered by some to be better than **White Gold**. Of course **Lady Jane** with its yellow lip petals is one of the better old ones.

YELLOW—**Spotlight** leads the not too strong yellow class. For real beauty it is hard to beat the soft toned ruffled **Crinkle Cream**. **Belle Jaune** may make a good commercial. It is tall and early. Two other good commercials are ruffled **Yellow Herald** and the late **Oregon Gold**. We do not care much about **Hokus Pokus** but the florists seem to like it for arrangements. **Gleam** was lovely but a bit short. We still like the soft color of **Jasmine** and the deep gold of **Van Gold**, the latter for its earliness too. **Martha Deane** is rather commonplace but a tall cutter.

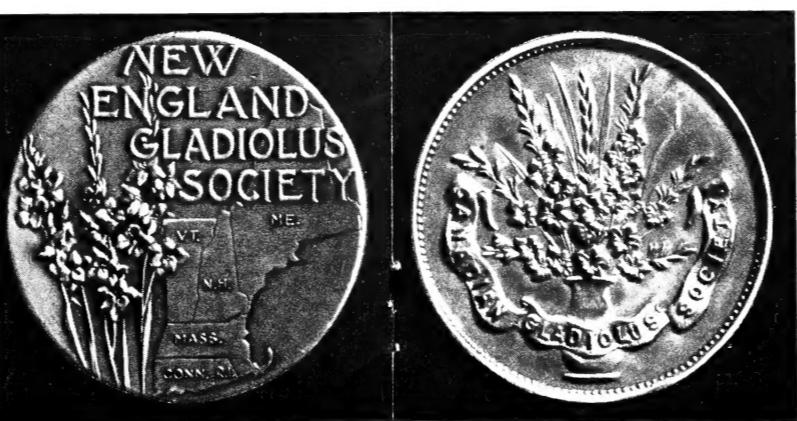
BUFF—**Pactolus**, one of the better Holland varieties, is a striking combination of colors and nicely ruffled. Perhaps its the best in this class, though **Sunlight** and **Sunspot** are both very outstanding glads. The older **Arethusa** and **Amrita** are very fine when well grown. Of the smaller flowered varieties we liked **Fairy Butterfly** for its graceful spikes and its earliness.

ORANGE—**Trocadero**, **Gratitude** and **Orange Gold** are among the leaders in this class. **Henri de Greeve**, a new one from Holland, impressed us the first season. A good propagator too. **Aladdin** is still much admired, though occasionally a bit short. **Bittersweet** made fine spikes but color is not too good.

SALMON—**Spic** and **Span** perhaps gets the nod in the salmon class because of its fine spike and good habits. A well grown **Bengasi** is more beautiful in my estimation but we have dropped it from our list as it has been a poor grower here. Lovely tall **Jeanie** is indeed

Special Awards

We have never published a complete list of all our show winnings but we would just like to point out here some interesting highlights. Over a period of the last 10 years, Croix Farms have been awarded 18 medals, including 2 gold, 7 silver and 9 bronze. These have been received from the following Gladiolus societies: New England, American, Canadian and Minnesota; also the Midwest Glad Show, American Peony Society, Pennsylvania Horticultural Soc., Minnesota Horticultural Soc. and Minnesota Peony and Iris Soc. In addition to the medals we received 15 silver cups and vases, 4 engraved plaques and countless numbers of ribbons given for sweepstakes, championships and special awards. We are proud of our show achievements. Our customers can do likewise if they plant championship stock.



PINKS—Perhaps the best release the past year was **Evangeline**. It is a soft buff pink and no doubt Prof. Palmer's best introduction. **Skyway**, another newcomer, was outstanding as grown from bulblets. **Beautys Blush**, often a poor start with us, came through with breathtaking spikes the past season. The smooth textured blush pink **Phantom Beauty** has unusual class. **Treasure Island**, **Bernard Shaw** and **Pres. Truman** all rate high. **Lady Boo** will appeal to the florists and it has good growing habits too. Reliable **Pandora** should be better known. We are just realizing how good a commercial it really is. Of the older pinks **Camrose** and **Ethel Cave Cole** still command attention. We found **Mayling** to be a good tall cut flower variety in the blush pink class. It also takes the heat well.

RED—One of the better new reds is **Red Wing**—a richly colored, slightly ruffled beauty. From Holland, the wine red **New Amsterdam** looked good from one year's trial. **Feuerreiter** was brilliant. **Intruder** was also an outstanding sight and rates with the best. Of course, **Red Charm** is a must have along with **Stoplight** and **Black Opal**. All are good commercial glads, the latter being a velvety black red. **Rewi Fallu** is an old favorite among the giants.

ROSE—On one season's trial we were much impressed with **Adoration**. It is a very light toned pink orchid, a popular florist's color and bulblets make strong growth. We have said for the past three years that **Tivoli** is a great glad and we still say so. It has exquisite color and good growth. **Gen. Eisenhower**, a brilliant begonia-rose, has made many friends. **Rose O'Day** and **Rose Charm** were tops in the deeper shades. **Ballad** was a favorite being a light salmon rose. Perhaps it can be said that **Burma** is one of the best glads among all colors and that is not putting it too strong for this amazing glad. It is a ruffled rose-red that is really sensational.

LAVENDER—**Elizabeth the Queen** is queen of the lavenders. Its exquisite color, ruffling and sturdy growth leave nothing to be desired. **Patrician** is closer to pure lavender than any other variety and if it continues to perform well it will be very popular. **Benjamin Britton**, a strong grower from Holland, is a new color, being deep lavender approaching light purple. **Lavender Prince** is a good commercial, as is the smaller flowered **Lavender & Gold**. **Minstrel** is perhaps the largest in the group. Its slightly ruffled and needlepointed florets have a pink overtone.

PURPLE—**Lancaster** and **Purple Supreme** lead this color in the commercial field; the former perhaps a shade ahead for sheer beauty but the latter out ahead for height and all around good growth. **Convoy** though not quite as tall, was very beautiful. **King Lear** is still an old favorite.

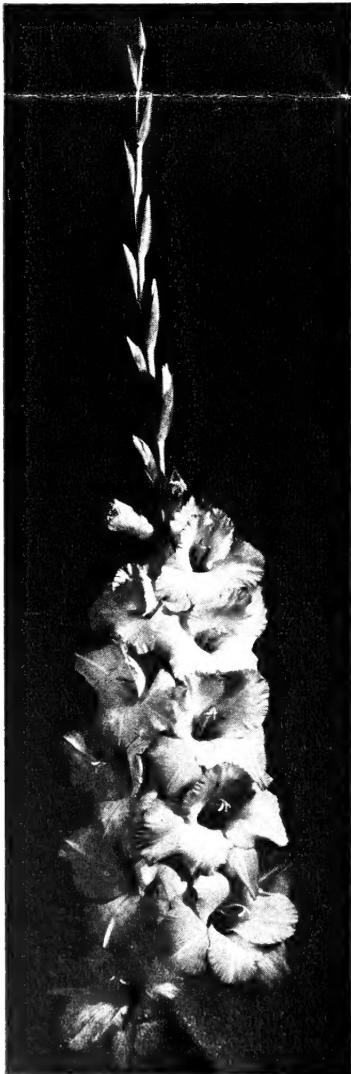
VIOLET—We were pleasantly surprised with the vigor and good color of **Blue Boy** on one year's trial. It is a rather new color—a deep violet blue and we believe it has a future. Many of the best blues have come from Holland of which we consider **Abu Hassan**, **Ravel** and **High Life** to be among the best. **Abu Hassan** is the best dark violet, **Ravel** the largest and of medium shade, while **High Life** is a light blue of only moderate size. We tried out **Firmament** as an early commercial, which worked out fine except that we got some crooks.

a joy—nothing like it for freshness of color. Also a favorite of mine is the mellow rich toned **Dieppe**. It's a great glad with a color close to scarlet. **Harmau** is very similar in color but not quite so brilliant. **General MacArthur** helps out as an early cutter.

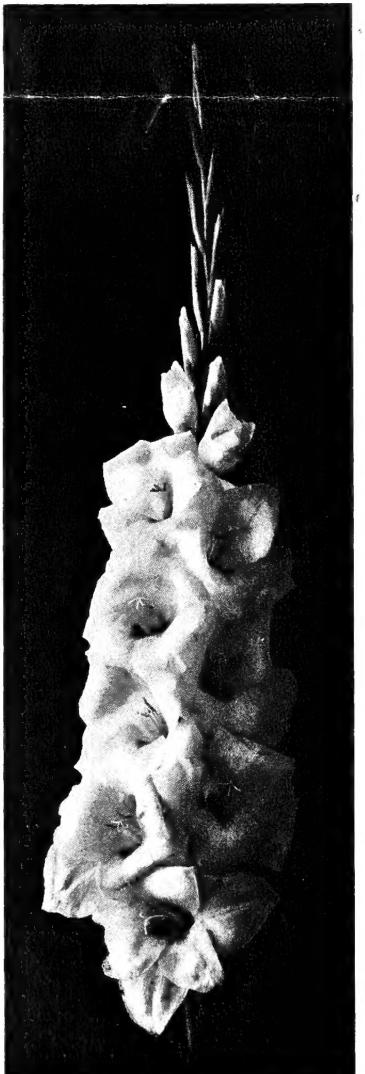
SCARLET—Two very fine scarlet glads to come to us from Europe are **Pfizers Century** and **Johan van Konynenburg**. Both are tall growers with good habits and excellent color. **Algonquin** gives the artistic touch to this group, while **Beacon** is the novelty type.

	Per	Large	Med.	Small	Per	Blts.
FRANCIS M. IRWIN (Wilson)	3 10	.25 .40	5-20 .25		50	.25
GARDENIA (Scheer)	3 10	.25 .70	5-20 .40		50	.25
GENERAL EISENHOWER (Salmon) Net	1		.50	.25	5 10	.25 .40
Brilliant begonia rose, very tall with huge florets. Very worth while.						
GEN. MACARTHUR (Hatch)	2 10	.30	2-20	4-25 .50	20	.25
Glowing light rose. Slightly ruffled blooms on a tall strong plant. Early.						
GLEAM (Fischer)	1	.55	.25	2-30	10	.25
Heavily ruffled light yellow. Heavy substance of waxy texture. Unusual.						
GOLD DUST (Pfitzer)	3 10	.25 .70	5-20 .40		50	.25
Very early deep yellow. Fine commercial.						
GRATITUDE (Fischer)	1	.50	.30	.15	10	.30
Salmon orange with yellow blotch. Tall and strong. An improved Barcarole.						
HARMAU (Both)	2 10	.25	4-25 .50		35 .25	.20
Orange-red with rosy overtone. Ruffled.						
HELEN EAKEN (K. & M.) Net	1	5.00		2.50	1	.60
Elegant cream, greenish sheen on lower petal. Six open on tall spike. Early and should be a good cutter.						
HENRY DE GREEVE (K. & M.)	1	7.00	4.00	3.00	1	1.00
Beautiful salmon orange with carmine feathering, 20 buds with 6 to 8 open on a tall spike. Heavy texture. Strong healthy grower and good propagator.						
HIGH FINANCE (Wilson)	2 10	.25	4-25		40 .25	.25
Smoky light orange gray, cream throat. Lightly ruffled, large and very good.						
HOKUS POKUS (K. & M.)	1 10	.35 3.00	.25	.15 1.20	10 100	.30 2.40
Golden yellow, carmine throat markings. Very unusual color combination. Early.						
HOLLAND'S GLORIE (K. & M.)	1 10	.25	.20	.15 1.20	10	.30
Deep salmon, yellow throat markings. Many open florets of heavy texture.						
INTRUDER (Graff) Net	1	.75	.50	.35	2	.20
Tall, large exhibition type, Flame or scarlet red. Very outstanding						
JASMINE (Palmer)	3 10	.25 .70	5-20 .40		50 .25	
Large, tall, lemon yellow. One of the best. Beautifully ruffled.						

	Per	Large	Med.	Small	Per	Blts.
JEANIE (Pruitt)	2	.25	3-25	6-25		
Clear rich pink; creamy yellow throat, white midribs.						
JOHANN STRAUSS (Salmon)	1	1.25	1.00	.50	2	.25
Attractive light cochineal-red. Very early. Twelve open on a tall flower head.						
JOHAN VAN KONYNENBURG (K. & M.)	1	.50	.35	.20	4 10	.25 .50
Tall bright orange scarlet. Large showy blooms. Considered very fine.						
KESTREL (Palmer)	1		.25	2-25	10	.25
Light Salmon orange with creamy throat. Tall 20 bud spike, 8 to 10 open. Fine but foliage lacks good green color.						
KING LEAR (Palmer)	3 10	.25 .70	5-20 .40		.25	50 .25
Ruffled reddish purple. Tall wiry stem.						
LADY BOO (Graff) Net	1		.35	.25	5 10	.25 .50
Pure shell pink with no markings. A very beautiful glad and good commercial.						
LADY JANE (Lake)	3 10	.25 .80	5-20 .40		.25	50 .25
Cream with yellow lip petals. Slightly ruffled.						
LAJLA (K. & M.)	1	.25	2-30	3-30	15	.25
Pure white with orange markings on creamy yellow blotch. Opens 6 to 8. Unusual.						
LAKE PLACID (Wilson)	1		.35	.25	5 10	.25 .25
Creamy white with light yellow throat. A fine spike. Some consider it better than White Gold.						
LANCASTER (Palmer)	1		.30	2-40	6	.20
Clear dark purple. Opens 8 slightly ruffled blooms on a tall straight spike.						
LAVENDER & GOLD (Baerman)	2	.25	3-25	6-25		
Very early lavender with yellow throat. Opens 5-7 frilled blooms. Very fine.						
LAVENDER PRINCE (La Salle)	1 10	.25	2-30	3-30 .80	10	.25
Slightly ruffled, lavender mauve. Tall, strong growing plant. Opens six.						
LAVENDER RUFFLES (Wilson)	3	.25				
Delicate lavender; cream throat. Ruffled.						
LEADING LADY (Johnson)	2 10	.30 1.20	4-30 .60	4-20 .30	50	.25
Creamy white; yellow throat. Picardy sport and very fine.						
LUDOVICA (K. & M.)	1	.50	.35	.20	6	.25
Geranium pink, creamy blotch. Fine tall spikes, 7 to 8 open. Heavy texture.						
MAGNOLIA (Palmer)	2 10	.25 1.00	4-25 .50		.25	50 .25
Light soft creamy rose. Open 6 to 8 on a strong spike. Very fine.						
MAID OF ORLEANS (Pfitzer)	3 10	.25 .70	5-20 .40		.25	50 .25
White, cream throat, fine commercial variety.						
MALTA (Palmer)	1	.15	2-20	8-25	25	.25
Beautiful begonia rose. Open 6 to 7 huge blooms. Very unusual.						
MARGARET BEATON (Twomey)	3 10	.25 .70	5-20 .40		.25	50 .25
Snow white, Vermilion-pink blotch in the throat. A real wonder Glad.						
MARTHA DEANE (Guille)	1		.75	.40	3 10	.20 .50
Sensational clear medium yellow, small red line in throat. Tall and straight.						
MAYLING (Hatch)	2 10	.25 1.00	4-25 .50		.25	40 .50
Pale light pink tinted lavender, beautifully ruffled. Tall slender stem.						
MINSTREL (Palmer)	1		.40	.30	3 10	.20 .50
Lavender-pink, sometimes slightly flecked. The largest lavender. Very fine.						
MISS WISCONSIN (Kruger) Net	1	.35	.25	.15	5	.20
Deep lavender-rose. Very different.						
MOHAWK (Stevens)	3 10	.25 1.00	5-20 .40		.25	40 .25
Deep maroon. Tall, straight spike. Mid-season.						
MRS. MARK'S MEMORY (Pfitzer)	1	.20	2-25	3-25		
Very large, rose purple. Unusual.						
MT. INDEX (Miller)	2	.30	.20	4-20	20	.25
White with distinct golden yellow blotch. Tall and dependable, even in the heat. Very early bloomer.						
NEW AMSTERDAM (K. & M.)	1	7.00	4.00	3.00	1	1.25
Wine red with deeper color feathered blotch. 20 buds with 6 to 8 open. Tall, strong and upright.						
NOVA ZEMBLA (K. & M.) Net	1	5.00	4.00	2.50	10	.60
Pure white. Long flower head on tall stem that never crooks. Very promising early white exhibition and cut flower variety.						
ORANGE DELIGHT (Kundered)	3 10	.25 .70	5-20 .40		.25	50 .25
A small decorative that must be seen to be appreciated. Apricot-orange overlaid bittersweet orange. Blue ribbon winner.						
ORANGE GOLD (Marshall)	1	.50	.40	.30	5 10	.25 .40
Rich clear orange. Tall robust grower. One of the best in this color.						
OREGON GOLD (Majeski)	4 10		.25 .50		.25	
Large ruffled light yellow. Tall grower.						
ORIENTAL PEARL (Carlson-Puerner)	1 10	.35 3.00	.25	2-25 2.00	8 20	.25 .50
Beautiful clear cream. Very large, tall and strongest cream in existence.						
PACTOLUS (K. & M.) Net	1	3.00	2.00	1.50	1	.50
Main color effect apricot-cream with orange red blotches on lower petals. 8 open well arranged blooms on tall spike. Very outstanding early variety.						

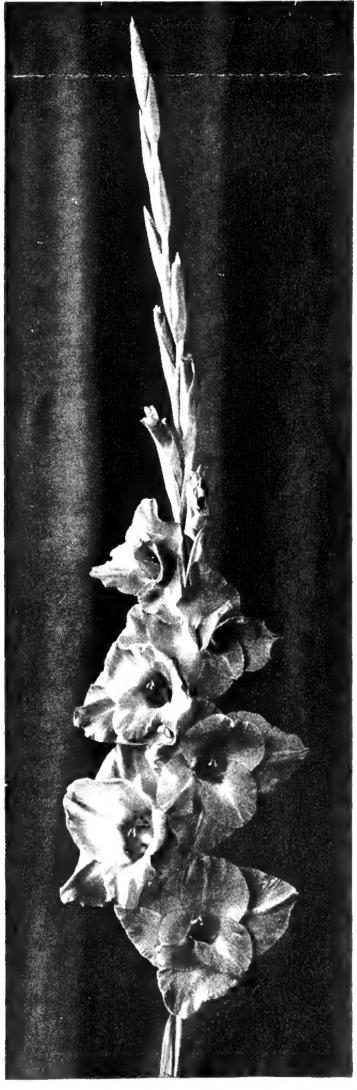


FLORENCE NIGHTINGALE



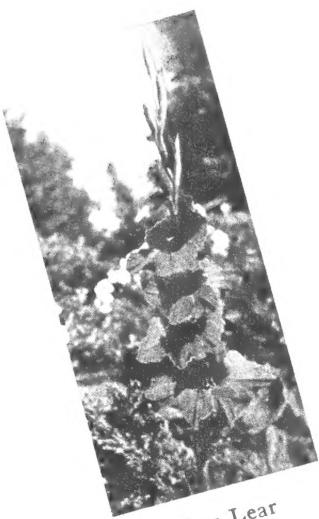
MARGARET BEATON

	Per	Large	Med.	Small	Per	Blts.	Per	Large	Med.	Small	Per	Blts.	
PANDORA (Beatrice Palmer)	2	.25	4-.25		40	.20	TIVOLI (K. & M.)	1	1.00	.60	.40	2	.25
Clear soft geranium pink. Opens 8 to 10 on a medium height plant. Very fine.	10	1.00	.50	.25	100	.40	A soft rose, opening 8 to 10 large, wide open, well placed blooms. Tall. Extra fine.	10		3.50	10	1.00	
PATRICIAN (Scheer)	1	6.00	4.50	3.00	1	.50	TREASURE ISLAND (Lins)	1	1.50	1.25	.75	2	.40
Lavender self. The closest to pure lavender of any Glad. It will open 6 to 7 six inch florets on a tall straight spike. Good propagator. A grand lavender.					10	4.00	Light orchid pink. Large beautifully formed and ruffled blooms. Tall and always straight stem.				10	1.50	
PETER PFITZER (Pfitzer) Net.	1		.70	.40	2	.25	TROCADERO (Lins)	1	1.25	1.00	.50	2	.25
Scarlet with yellow feathering on lower petals. Large well placed blooms on tall spike. Very fine.					10	1.00	Clear salmon orange or pale carrot color. A very unusual color. Fine plant habits.				5	.50	
PFITZER'S CENTURY (Pfitzer)	1	3.00	2.00	1.00	1	.25	UHU (K. & M.)	1	.25	.20	2-.25	10	.20
Light scarlet that opens 8 to 10 large flowers of heavy texture. Very distinctive.					10	2.00	Smoky rose salmon, flaked bronze, with attractive cream throat. Large florets, 6 to 8 open on tall spikes.				10	2.00	
PHANTOM BEAUTY (Bastian)	1		3.00	2.00	1	.50	VANGOLD (Van Voorhis)	1	.25	.20	2-.25	10	.20
Light pink of formal type. 20 buds with 12 open on tall spike. Very fine.					10	.40	Deep yellow, no markings. Straight, tall stems. Early and good cut flower variety.						
PICARDY (Palmer)	3	.25		.25	50	.25	VENEDA (Milo)	1		1.50	1.00		
Clear soft salmon. One of the best of the older varieties and still very popular.	10						BIRGIN (Lins)	1	1.00	.75	.50	2	.20
PINK RADIANCE (Quackenbush)	2	.25	3-.25				Large white of heavy substance. 6 to 8 blooms open on a tall spike. Very fine.						
Clear light pink with recurved petals. Opens 6 to 8 on a fine spike.							VREDE (K. & M.) Net.	1	3.00	2.50	1.50	1	.50
PRESIDENT TRUMAN (Salmon) Net.	1	2.50	1.25	.60	1	.25	Color is pure white. Large florets, slightly ruffled, well placed on a strong wiry stem. Many open. Looks very promising.						
Light bright pink. Very large flower with many open at once. Unusually fine.					10	1.00							
PURITAN (Baerman)	3	.25	4-.25		50	.25	WEDGEWOOD (C. Fischer)	1		.75	.50	2	.20
Fresh pure pink. Short flower head, but fine.	10	.80	.50	.30			Ruffled blue lavender of medium size. Well liked and good for floral work.						
PURPLE SUPREME (Wilson)	2	.25	4-.25	5-.20	25	.20	WHITE CHRISTMAS (C. Fischer)	1	1.50	1.50		2	.25
Bright purple; lighter picotee edge.	10			.30			Heavily ruffled white with a cream cast in the throat. 6 to 8 open florets of waxy texture. Placement not always perfect but one of the most beautiful.						
RAVEL (K. & M.)	1	.75	.60	.35	4	.25	WHITE GOLD (Scheer)	2	.25	3-.25	6-.25	20	.20
Tall violet blue with throat marking. Large florets of heavy substance. Extra fine.	10				10	.50	Rich cream blending to gold throat.						
R. B. (Upton)	3	.30	4-.25	5-.20	40	.25	WHITE SATIN (Koerner) Net.						
Giant henna-brown on old rose base. A very fine smoky.	10		.50	.30	100	.50	Pure cream white with white stamens and pistil. A true face up. Thin wiry stem. An outstanding miniature.						
RED CHARM (Butt)	2	.20	4-.25	5-.20	25	.25	WINSTON (Palmer)	3	.25	5-.20		50	.25
Slightly deeper than medium red. Many open well-placed blooms on tall spike. Good.	10	.80	.50	.30			Beautiful ruffled cream white; lemon throat.						
RED WING (Wright)	1	3.00	2.00	1.00	1	.35	YELLOW HERALD (Pfitzer)	1	.25	.20	.15	20	.20
Rich scarlet shading deeper in throat. Large, slightly ruffled florets well placed on a tall spike. Good propagator and will become a leading commercial.					10	3.00	Amber yellow, slight carmine markings. Early. Said to be an improved Gate of Heaven.						
REWI FALLU (Fallu)	3	.25	5-.20		50	.25							
Deep blood red. Very outstanding, though florets are rather loosely attached to spike.	10		.40	.25									
ROOSEVELT'S MEMORY (Salmon) Net.	1	.75	.60	.40	2	.25							
Beautiful ivory white. Long flower head on tall stem. Huge florets of waxy tex- ture. Very fine.													
ROSA VAN LIMA (Pfitzer)	3	.25	5-.20		50	.25							
A light rose pink. Good commercial.	10	.70	.40	.25									
ROSE CHARM (C. Fischer)	1		.50	.25	10	.25							
Pure rose with cream throat and mid- ribs. Long tapering flowerhead on long slender stem. Early. A good basket Glad.													
ROSE DELIGHT (Jack)	3	.25	4-.20	4-.15	25	.20							
Fine medium rose blooms on a tall wiry stem. A good early commercial.	10		.35										
ROSE O'DAY (Fischer)	1	.25	.15	2-.20	10	.25							
Unusual shade of lavender rose. Opens 10 florets in double row. Very distinctive.													
SALMAN'S GLORY (Salman)	1	.25	.15	3-.20									
Rich creamy white with small cherry blotch. Large flowers and early bloomer.	10		.60		15	.20							
SILENTIUM (K & M.)	3	.25	5-.20		50	.25							
White with carmine feathering in throat. Tall.	10	.70	.40	.25									
SILVER WINGS (Ritsema)	1	.25	2-.25	4-.25	10	.25							
A white sport of Picardy. Ruffled, wide open florets. Very beautiful.	10		1.00	.50									
SKYWAY (H. W. Stevens) Net.	1		5.00	4.00									
Bright medium pink, a color we like unusually well. 5½ inch florets. Opens 7 on a fine straight spike. One of the very best.													
SNOWFLAKE (Pfitzer) Net.	1	2.00	1.50		2	.40							
Large pure white, opening 6 to 8 well placed blooms. A healthy grower.	10	16.00	12.00		10	1.60							
					100	12.00							
SNOW PRINCESS (Pfitzer)	3	.25	5-.20		50	.25							
A new white. Very outstanding.	10	.70	.40	.25									
SPIC AND SPAN (Carlson)	1	1.75	1.50		1	.20							
Ruffled deep pink florets on a 20 bud spike. Tall. One of the good new ones that stand the heat well.					5	.75							
SPOTLIGHT (Palmer)	1	.20	2-.25	3-.25	25	.20							
Medium yellow with small scarlet blotch.	10		.60										
STOPLIGHT (Lins)	2	.20	4-.25		25	.25							
Brilliant red. A very impressive spike.	10	.80	.50	.25	100	.60							
SUNLIGHT (Spiller)	1			.25									
Delicate pink which blends to a large golden throat, giving the effect of bright light orange. Slightly ruffled.													
SUNSPOT (Roberts)	1		.60	.40	2	.25							
Light apricot-buff with rose-red spot in the throat. 7 to 8 large ruffled florets open. Tall stems, good grower and propagator.													
SURFSIDE (Winsor)	3	.25	5-.20		50	.25							
Tall ruffled white with slight pencil mark- ings in throat. A good cut flower.	10	.70	.40	.25									

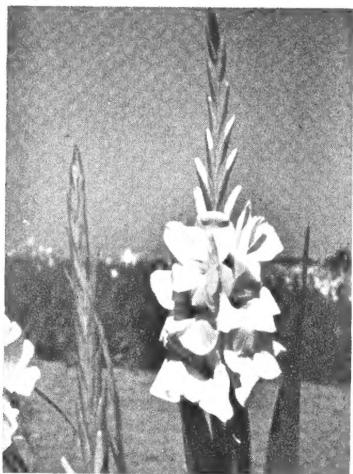


ALADDIN

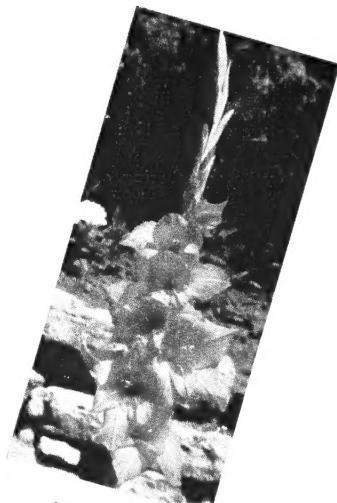
LUDOVICA



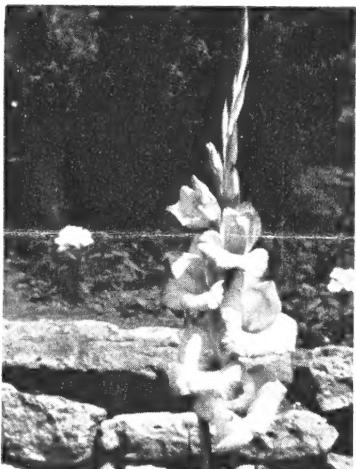
King Lear



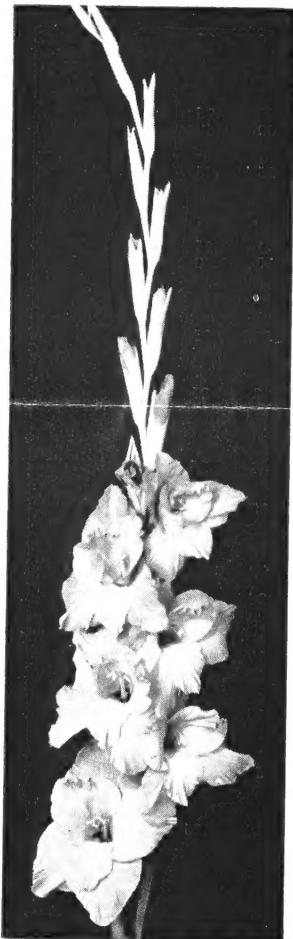
Roosevelt's Memory



Algonquin



Milford



Gratitude



Gen. Eisenhower



Patrician

Free Garden Information

Folder A, a product of the Minnesota State Horticultural Society, is a condensed form of garden information that is unusually useful and practical. We will send this to you FREE with every order of \$2.00 or more. It contains information on fruits, vegetables, flowers, trees and shrubs, giving recommended varieties and spray program for each. Controls are given for thrip, Rose blackspot, crown rot of Iris, blight of Peonies and Lilies, cutworms, pocket gophers, moles, rats, grasshoppers, dandelions, rabbits, mice and many other controls too numerous to mention. It also tells what plants are suitable for rock gardens, what plants endure shade, planting distances for fruits, and vegetable varieties recommended for the home freezer. In fact you will want to keep this folder handy for reference at all times.



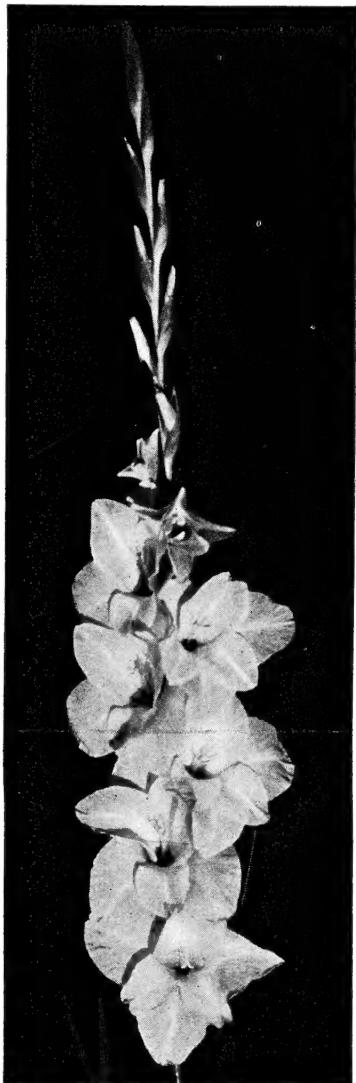
Burma
grown from bubblet

WHOLESALE PRICE LIST – Not Prepaid

We offer here a list of choice and newer Gladiolus that are "Tops" for growers, retailers and florists. They are silt grown in the St. Croix valley of eastern Minnesota. Hand cleaned and state inspected. All wholesale orders are filled with hand selected stock, the same as we do with retail orders. Our bulbs are clean and bright, disease and thrip free.

TERMS: Prices quoted are F.O.B. Hastings, Minn. All stock subject to prior sale. 250 bulbs at the 1000 rate. 25 bulbs at the 100 rate on items priced at \$5.00 per 100 or more. We ask 25% down payment with order and balance before shipment.

ATTENTION—As this catalogue goes to print we are practically sold out on wholesale items. We still have limited quantities of the items listed below but advise early ordering.



ROSA VAN LIMA

GUARANTEE

WE MAKE EVERY EFFORT to send out only disease free, true to name stock and are confident that the quality of our bulbs is equal to the best produced anywhere. However, as the planting and care of stock sold by us is beyond our control, we cannot be in any way responsible for results after planting. Any complaint must be made within 7 days after arrival of your order.

Our field plantings as well as the bulbs in storage are state inspected and have been certified to be free of disease and insect pests. In addition every bulb in every order is hand selected. We have many satisfied customers and are sure that we can please the most discriminating buyer.

	Per	No. 2	No. 3	No. 4	No. 5	No. 6	Per	Blts.	
Amrita	100	\$. . .	\$. . .	\$. . .	\$ 1.50	\$ 1.00	½ Pt.	\$ 1.00	
	1000	....	....	....	....	6.00	Qt.	2.50
Black Opal	100	4.50	3.50	3.00	1.50	1.00	½ Pt.	1.00	
	1000	....	....	....	12.00	6.00	Qt.	3.00
Burma	100	....	....	3.50	2.75	1.50	½ Pt.	2.00
	1000	....	....	....	....	12.00	Qt.	6.00
Benjamin Britton .....	....	....	....	....	....	....	10	6.75
Camrose	100	4.00	3.00	2.50	1.25	1.00	½ Pt.	1.00	
	1000	....	....	....	10.00	6.00	Qt.	3.00
Delightful	100	....	....	3.00	2.00	1.50	½ Pt.	1.50
	1000	....	....	....	16.00	12.00	Qt.	5.00
Elizabeth the Queen	100	....	....	....	....	1.50	½ Pt.	2.00
	1000	....	....	....	....	12.00	Qt.	6.00
Ethel Cave Cole	100	....	....	....	....	1.00	Qt.	3.00
Francis M. Irwin	100	....	....	....	....	1.00	Qt.	2.50
Gardenia	100	....	....	....	....	1.00	Qt.	2.50
Gen. MacArthur	100	....	....	....	2.00	1.50	½ Pt.	1.50
Harmau	100	....	....	....	2.00	1.25	½ Pt.	1.00
Henri de Greeve .....	....	....	....	....	....	....	10	6.75
Jasmine	100	....	....	....	1.25	1.00	½ Pt.	1.00
	1000	....	....	....	8.00	6.00	Qt.	2.50
King Lear	100	....	....	....	....	1.00	½ Pt.	1.00
	1000	....	....	....	....	6.00	Qt.	2.50
King Tan	100	....	....	....	....	1.00	½ Pt.	1.00
	1000	....	....	....	....	6.00	Qt.	3.00
Lady Jane	100	....	....	....	2.00	1.50	½ Pt.	1.00
Magnolia	100	....	....	....	....	1.00	½ Pt.	1.25
	1000	....	....	....	....	6.00	Qt.	4.00
Margaret Beaton	100	3.50	3.00	2.00	1.25	1.00	½ Pt.	1.00	
	1000	....	....	....	8.00	6.00	Qt.	2.50
Mayling	100	....	....	....	2.00	1.50	½ Pt.	2.00
	1000	....	....	....	14.00	9.00	Qt.	6.00
Mohawk	100	1.50	½ Pt.	1.25
Orange Delight	100	....	4.00	3.00	2.00	1.50	½ Pt.	1.25
Oriental Pearl	100	....	....	....	5.00	3.50	½ Pt.	7.00
	1000	....	....	....	....	30.00	Qt.	25.00
Pandora	100	....	....	....	2.00	1.50	½ Pt.	1.00
	1000	....	....	....	....	12.00	Qt.	3.00
Patrician	10	....	....	....	....	20.00	10	3.00
Red Charm	100	....	....	....	....	1.50	½ Pt.	1.25
Rewi Fallu	100	....	....	....	1.50	1.00	Qt.	3.00
Rosa Van Lima	100	....	....	....	1.50	1.00	½ Pt.	1.00
	1000	....	....	....	....	6.00	Qt.	2.50
Silentium	100	....	....	2.50	1.50	1.00	½ Pt.	1.00
	1000	....	....	....	....	6.00	....	....
Stoplight	100	....	....	....	1.50	1.00	½ Pt.	1.00
	1000	....	....	....	....	8.00	Qt.	3.00
Winston	100	....	....	....	2.00	1.50	½ Pt.	1.50
	1000	....	....	....	....	10.00	Qt.	5.00



Minstrel



Crinkle Cream



Lancaster



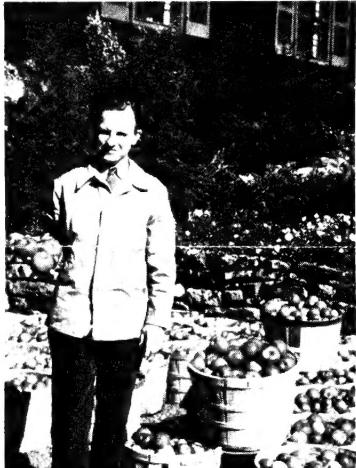
Pandora

Various Seasons at Croix Farms

Reproduced from colored Kodachrome slides



Peony Time



Apple Harvest Time



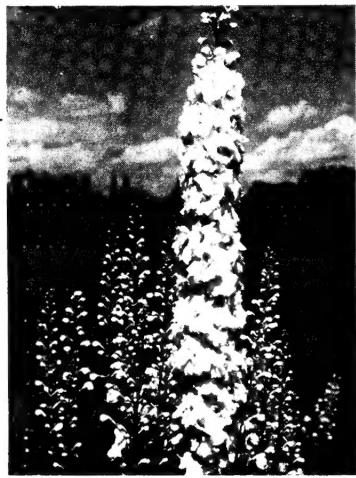
Summer Time

We harvest apples from a 35-acre orchard.

Visitors Welcome.



Apple Blossom Time



Delphinium Time



Lilac Time